

1

2

ABSTRACT

3 A hydrophilic pliable wound dressing consisting of bio-polymers creates a new approach to
4 wound dressing by providing a self-assembling hydrophilic gel type moisture permeable barrier
5 applicable to a wide range of wound sizes and depths. Biodegradability and water solubility
6 enable rapid and safe disposal, obviating a significant problem that occurs with conventional
7 type dressings. The initial sheet form of the dressing provides an ideal carrier for delivery of
8 nutrients, debriders, antibiotics, analgesics and physiological regulators.